

Publication

**EP 0837262 A3 19980520**

Application

**EP 97420194 A 19971020**

Priority

FR 9612998 A 19961021

Abstract (en)

[origin: EP0837262A2] The invention concerns a dynamic and weight balance device for machines with rotors, comprising at least one rotor (4) borne by a revolving shaft (5), at least one weight balancing unit (20, 21) borne by said shaft, and at least a system for correcting and controlling the state of unbalance of the rotor (4), said system being capable of operating permanently on the balancing unit(s) (20, 21) when the rotor (4) is rotating. The invention is characterised in that: the weight balancing unit (20, 21) is located at an axial distance from the rotor and comprises at least two balance weights mounted movable independently of each other by the action of driving means controlled by the controlling and correcting system, said weights moving along paths forming a closed circuit about the revolving shaft (5). The invention is applicable to industrial ventilating fans.

IPC 1-7

**F16F 15/36**; **F24F 7/00**

IPC 8 full level

**F16F 15/36** (2006.01); **F24F 7/00** (2006.01)

CPC (source: EP US)

**F16F 15/322** (2013.01 - EP US); **F16F 15/36** (2013.01 - EP US); **Y10S 416/50** (2013.01 - EP US)

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Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0837262 A2 19980422**; **EP 0837262 A3 19980520**; **EP 0837262 B1 20030416**; AU 4872497 A 19980515; DE 69720905 D1 20030522; DE 69720905 T2 20040212; EP 0963522 A1 19991215; ES 2197323 T3 20040101; FR 2754866 A1 19980424; FR 2754866 B1 19990129; ID 21366 A 19990527; US 6210099 B1 20010403; WO 9817925 A1 19980430

DOCDB simple family (application)

**EP 97420194 A 19971020**; AU 4872497 A 19971020; DE 69720905 T 19971020; EP 97911300 A 19971020; ES 97420194 T 19971020; FR 9612998 A 19961021; FR 9701875 W 19971020; ID 990220 A 19971020; US 94971297 A 19971014